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APPLICANT  
Osamu SHIRASAKI et al.

FILING DATE  
June 2, 1999

GROUP  
1733

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US						
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**FOREIGN PATENT DOCUMENTS**

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
RL		2824612	A	1979-12-06	DE			abs	
I		2535337	A	1984-05-04	FR			abs	
I		06-134869	A	1994-08-16	JP			abs	
RL		63-203317	A	1988-12-16	JP			abs	

**OTHER DOCUMENTS**

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)


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